

Message

From: Smith, Monica [smith.monica@epa.gov]
Sent: 3/1/2018 5:49:32 PM
To: Durant, Jennah [Durant.Jennah@epa.gov]
CC: Hubbard, Joseph [Hubbard.Joseph@epa.gov]; Crossland, Ronnie [Crossland.Ronnie@epa.gov]; Smalley, Bryant [smalley.bryant@epa.gov]
Subject: RE: Media questions about Arkema testing -
Attachments: Harvey Report Draft Final.pdf; Table 6 Harvey.pdf

Jennah -- the files attached to this email have not been posted on the website. They are part of a larger report which needs to be uploaded to the website. We have been working with CMAD to get the data ready to upload. It has not been reviewed for release under FOIA by attorneyys. Monica

I'm confused why there's only results for a couple of the chemicals

https://response.epa.gov/sites/12353/files/Arkema_ASPECT_Detections_20170907.pdf

Where are the results for the rest of this list? List of chemicals for ASPECT:

<https://response.epa.gov/sites/12353/files/ASPECT%20Chemical%20Compound%20List.pdf>

Arkema manufactures organic peroxides at the Crosby plant. EPA sent its aerial surveillance aircraft to test resulting smoke from the fires at Arkema EPA's plane instrumentation is capable of measuring 78 different chemicals, including peroxides.

The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found no exceedances of the Texas comparison values. ASPECT conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the Arkema plant in Crosby, Texas from August 30, 2017 through September 7, 2017. The screening level results from ASPECT were compared to the ASPECT list of Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs.

The attached files provide all of the data collected for all of the Arkema related ASPECTs flights. The total list of chemicals we can potentially see are in the PNNL or the HANST Libraries.

And its still not clear to me why EPA only tested 10 water samples.

EPA's water quality sampling was focused on industrial facilities and hazardous waste sites. As a result of initial chemical fires at Arkema, while the facility was flooded, EPA collected downstream surface water runoff samples at four locations outside the evacuation zone, near residential areas.

Six surface water runoff samples were collected on Friday, September 1, 2017 in the vicinity of the Arkema plant in Crosby, Texas. Surface water runoff results were less than the screening levels that would warrant further investigation. Each flood water sample was analyzed for volatile organic chemicals and semi-volatile organic chemicals likely to come from the Arkema plant. No volatile organic chemicals or semi-volatile organic chemicals were detected in the surface water runoff samples. Non-quantifiable and compounds not definitively identified are not reported. It is important to note that chemical analysis alone cannot be used as an indication of

water safety. In a flood situation, there are multiple risk factors that can cause harm, industrial chemicals are only one of those risk factors.

From: Crossland, Ronnie

Sent: Wednesday, February 28, 2018 11:56 AM

To: Durant, Jennah <Durant.Jennah@epa.gov>

Cc: Hubbard, Joseph <Hubbard.Joseph@epa.gov>; Smith, Monica <smith.monica@epa.gov>

Subject: Re: Media questions about Arkema testing

I am currently on travel. I am copying Monica who is acting for me.

Thanks

Ronnie

Sent from my iPhone

On Feb 28, 2018, at 10:42 AM, Durant, Jennah <Durant.Jennah@epa.gov> wrote:

Hi Ronnie—

We provided a reporter with all the testing results at the Arkema facility, and she has a couple follow-up questions. Can you help with these?

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Thanks,

Jennah Durant

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